

ABSTRACT

A structural building component for a residential or light commercial building includes a PV laminate and a plastic frame disposed at least around the PV laminate. The plastic frame includes a first electrical connector for communication with the PV laminate and receptive to electrical connection with a contiguous PV laminate. The first electrical connector is configured to facilitate electrical and mechanical connection with the contiguous PV laminate and the frame includes a means for facilitating attachment to the building structure.